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☐ 1. Document ID: US 20080024133 A1

L43: Entry 1 of 12

File: PGPB

Jan 31, 2008

PGPUB-DOCUMENT-NUMBER: 20080024133

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080024133 A1

TITLE: CAVITY RESONATOR FOR MAGNETIC RESONANCE SYSTEMS

PUBLICATION-DATE: January 31, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan; John Thomas	Stillwater	MN	US
Watson; Mark A.	Savage	MN	US
Bradshaw; Kenneth M.	Chaska	MN	US
Waks; Matthew T.	Coon Rapids	MN	US
Holwell; Joshua J.	Plymouth	MN	US

US-CL-CURRENT: 324/318; 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 2. Document ID: US 20070273375 A1

L43: Entry 2 of 12

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070273375

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070273375 A1

TITLE: Method For Generating A Homogeneous Magnetization In A Spatial Examination Volume Of A Magnetic Resonance Installation

PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Diehl; Dirk	Erlangen		DE

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 3. Document ID: US 20070132454 A1

L43: Entry 3 of 12

File: PGPB

Jun 14, 2007

PGPUB-DOCUMENT-NUMBER: 20070132454

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070132454 A1

TITLE: CAVITY RESONATOR FOR MR SYSTEMS

PUBLICATION-DATE: June 14, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan; John T.	Stillwater	MN	US

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 4. Document ID: US 20070085543 A1

L43: Entry 4 of 12

File: PGPB

Apr 19, 2007

PGPUB-DOCUMENT-NUMBER: 20070085543

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070085543 A1

TITLE: Cavity Resonator For MR Systems

PUBLICATION-DATE: April 19, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan; John T.	Stillwater	MN	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 5. Document ID: US 20070066885 A1

L43: Entry 5 of 12

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070066885

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070066885 A1

TITLE: Cavity Resonator For MR Systems

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan; John T.	Stillwater	MN	US

US-CL-CURRENT: [600/411](#); [324/318](#), [600/421](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 6. Document ID: US 20050140369 A1

L43: Entry 6 of 12

File: PGPB

Jun 30, 2005

PGPUB-DOCUMENT-NUMBER: 20050140369

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050140369 A1

TITLE: RF transmitter arrangement for an MR system, and method for determining a setting parameter therefor

PUBLICATION-DATE: June 30, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Feiweier, Thorsten	Poxdorf		DE
Oppelt, Ralph	Uttenreuth		DE
Renz, Wolfgang	Erlangen		DE
Vester, Markus	Nurnberg		DE

US-CL-CURRENT: [324/318](#); [324/309](#), [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 7. Document ID: US 7345483 B2

L43: Entry 7 of 12

File: USPT

Mar 18, 2008

US-PAT-NO: 7345483

DOCUMENT-IDENTIFIER: US 7345483 B2

TITLE: Cavity resonator for MR systems

DATE-ISSUED: March 18, 2008

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20070085543 A1

April 19, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Vaughan; John T.

Stillwater

MN

US

US-CL-CURRENT: 324/318; 600/421

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

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☐ 8. Document ID: US 7221162 B2

L43: Entry 8 of 12

File: USPT

May 22, 2007

US-PAT-NO: 7221162

DOCUMENT-IDENTIFIER: US 7221162 B2

TITLE: RF transmitter arrangement for an MR system, and method for determining a setting parameter therefor

DATE-ISSUED: May 22, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050140369 A1

June 30, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feiweier; Thorsten	Poxdorf			DE
Oppelt; Ralph	Uttenreuth			DE
Renz; Wolfgang	Erlangen			DE
Vester; Markus	Nurnberg			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMMC	Draw Desc	Image

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☐ 9. Document ID: US 7215120 B2

L43: Entry 9 of 12

File: USPT

May 8, 2007

US-PAT-NO: 7215120

DOCUMENT-IDENTIFIER: US 7215120 B2

TITLE: Cavity resonator for MR systems

DATE-ISSUED: May 8, 2007

## PRIOR-PUBLICATION:

DOC-ID	DATE
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US 20040030238 A1

February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vaughan; John T.	Stillwater	MN		US

US-CL-CURRENT: 324/318; 324/322, 600/421

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 10. Document ID: US 5886596 A

L43: Entry 10 of 12

File: USPT

Mar 23, 1999

US-PAT-NO: 5886596

DOCUMENT-IDENTIFIER: US 5886596 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Radio frequency volume coils for imaging and spectroscopy

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Vaughan, Jr.; John Thomas	Lynnfield	MA		
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US-CL-CURRENT: 333/219; 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Abstract	Claims	KMC	Draw Desc	Image

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☐ 11. Document ID: US 5557247 A

L43: Entry 11 of 12

File: USPT

Sep 17, 1996

US-PAT-NO: 5557247

DOCUMENT-IDENTIFIER: US 5557247 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Radio frequency volume coils for imaging and spectroscopy

DATE-ISSUED: September 17, 1996

## INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Vaughn, Jr.; John T. Birmingham AL

US-CL-CURRENT: 333/219; 324/318, 324/322, 333/222, 333/227

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 12. Document ID: US 4707668 A

L43: Entry 12 of 12

File: USPT

Nov 17, 1987

US-PAT-NO: 4707668

DOCUMENT-IDENTIFIER: US 4707668 A

TITLE: Method and apparatus for transferring and injecting rf energy from a generator to a resonant load

DATE-ISSUED: November 17, 1987

## INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffert; William J. Albuquerque NM

US-CL-CURRENT: 330/56; 333/227, 333/246

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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